

## REMARKS

Applicants thank the Examiner for the careful attention accorded this Application and respectfully requests reconsideration in view of the Amendments set forth above and the remarks below.

Applicants have cancelled claims 1-4, 7-9, 13, 14 and 32-40 without prejudice and have added new independent claims 41, 46, 51, 56, 62, 68, 73, 78 and 83-92, and dependent claims 42-45, 47-50, 52-55, 57-61, 63-67, 69-72, 74-77 and 79-82. Applicants reserve the right to file one or more continuation applicants herefrom in order to continue prosecution of the inventive subject matter of the cancelled claims.

The independent claims presented herein have removed the limitation in canceled claim 1 related to the float-glass substrate, as these claims are generally directed to specific liquid crystal materials and electro-optical glazing structures using those materials.

Claim 41 is directed to an electro-optical glazing structure including PSCT liquid crystal material lacking the mesogenic group of the general formula  $[\text{Si}(\text{CH}_3)\text{O}]_n$ , as disclosed in the specification, e.g., at page 23.

Claims 42, 43, 44 and 45 include the limitations of canceled claims 2, 3, 4 and 1, respectively.

Claim 46 is directed to an electro-optical glazing structure including liquid crystal material comprising Ethylene Glycol Dimethacrylate (EGD) commercially available from Aldrich, as disclosed in the specification, e.g., at page 23, and in canceled claim 36. Although the Examiner indicated that canceled claim 36 is unpatentable under USC 103(a) over McLaughlin et al. (U.S. Patent No. 4,749,261), Doane et al. (U.S. Patent No. 5,691,795) and Hashemi et al. (U.S. Patent No. 5,667,897), applicants respectfully submit that EGD is not taught or suggested in the references.

Claims 47, 48, 49 and 50 include the limitations of canceled claims 2, 3, 4 and 1, respectively.

Claim 51 is directed to an electro-optical glazing structure including liquid crystal material comprising selected from the group consisting of EGD, UV10, UV15-7 and combinations comprising at least one of the foregoing monomers commercially available from Aldrich and Master Bond, as disclosed in the specification, e.g., at pages 23 and 24, and in canceled claim 36. Although the Examiner indicated that canceled claim 36 is unpatentable under USC 103(a) over McLaughlin et al. (U.S. Patent No. 4,749,261), Doane et al. (U.S. Patent No. 5,691,795) and Hashemi et al. (U.S. Patent No. 5,667,897), applicants respectfully submit that EGD, UV10, UV15-7 and combinations comprising at least one of the foregoing monomers are not taught or suggested in the references.

Claims 52, 53, 54 and 55 include the limitations of canceled claims 2, 3, 4 and 1, respectively.

Claim 56 corresponds to canceled claim 9, indicated as allowable by the Examiner.

Claims 57, 58, 59, 60 and 61 include the limitations of canceled claims 2, 3, 4, 1 and 37, respectively.

Claim 62 corresponds to canceled claim 14, indicated as allowable by the Examiner.

Claims 63, 64, 65, 66 and 67 include the limitations of canceled claims 2, 3, 4, 1 and 38, respectively.

Claim 68 corresponds to canceled claim 35, in which the only rejection was based on USC 112, second paragraph, thus should be allowable as the rewritten claim is believed to overcome the rejection.

Claims 69, 70, 71 and 72 include the limitations of canceled claims 2, 3, 4 and 1, respectively.

Claim 73 corresponds to canceled claim 33, in which the only rejection was based on USC 112, second paragraph, thus should be allowable as the rewritten claim is believed to overcome the rejection.

Claims 74, 75, 76 and 77 include the limitations of canceled claims 2, 3, 4 and 1, respectively.

Claim 78 corresponds to canceled claim 40, in which the only rejection was based on USC 112, second paragraph, thus should be allowable as the rewritten claim is believed to overcome the rejection.

Claims 79, 80, 81 and 82 include the limitations of canceled claims 2, 3, 4 and 1, respectively.

Claim 83 includes the limitations related to the liquid crystal material recited specification, e.g., at page 23. Claims 84-92 include the limitations related to the liquid crystal material recited in canceled claims 36, 36, 9, 37, 14, 38, 35, 33 and 40, respectively.

The amendments herein do not introduce any new matter. It is believed that the claims herein should be allowable to Applicants. Accordingly, allowance is respectfully requested.

Further, Applicants have previously paid for 29 independent claims and 31 total claims. With the amendments herein, 52 claims will remain, 18 of which are independent. Therefore, an excess claim fee of  $\$9 \times (52-31) = \$189.00$  is due, and is indicated as such in the transmittal form submitted herewith.

Respectfully submitted,



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